## GUIDED PRACTICE

## **MATERIALS**



toy c



white paper



metric tape

cardboard

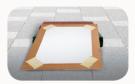


book



sandpaper

## Friction and Motion



Ask a question: How does friction affect the motion of an object?

- Look at the picture. Make a ramp like the one you see above.
- Place the toy car at the top of the ramp. Let it go.

- Measure the distance that the toy car traveled until it stopped. Record your observations.
- Replace the white paper with the sandpaper.
- Repeat Steps 2 and 3.

Car Movement Results				
Surface	Distance (cm)			
white paper				
sandpaper				

6	Analyze and Conclude  How does friction affect the motion of the toy car?					